



Patent  
Attorney Docket No. 030682-103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Kawai Hiroyuki et al.

Application No.: 09/667,783

Filing Date: September 22, 2000

Title: SQUARE ROOT EXTRACTION CIRCUIT AND FLOATING- POINT SQUARE ROOT EXTRACTION DEVICE

Group Art Unit: 2124

Examiner: Chuong D. Ngo

Confirmation No.: 1075

SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

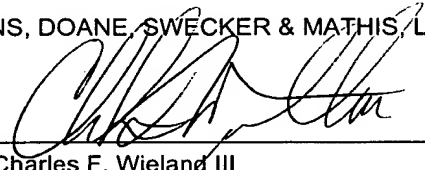
The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By

  
Charles F. Wieland III  
Registration No. 33,096

Date: June 25, 2004



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Kawai Hiroyuki et al.	)	Group Art Unit: 2124
Application No.: 09/667,783	)	Examiner: Chuong D. Ngo
Filed: September 22, 2000	)	Confirmation No.: 1075
For: SQUARE ROOT EXTRACTION CIRCUIT	)	
AND FLOATING- POINT SQUARE ROOT	)	
EXTRACTION DEVICE	)	

**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. It should be noted that the enclosed Office Action by the Japanese Patent Office that issued in the corresponding Japanese application includes a minor error in one citation. JP52-58243 should have been JP51-58243. Applicants supply the correct document, which was published as JP59-2055.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

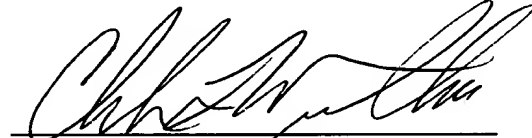
To assist the Examiner, documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date June 24, 2004

By:



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(use as many sheets as necessary)

**Complete if Known**

<b>Application Number</b>	09/667,783
<b>Filing Date</b>	September 22, 2000
<b>First Named Inventor</b>	Kawai Hiroyyuki et al.
<b>Examiner Name</b>	Chuong D. Ngo
<b>Attorney Docket Number</b>	030682-103

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No
	63-318632		JP	12-27-1988	ABST	
	8-115206		JP	05-07-1996	ABST	
	4-257024		JP	09-11-1992	ABST	
	4-235629		JP	08-24-1992	ABST	
	5-257651		JP	10-08-1993	ABST	
	59-2055		JP	1984	ABST	
	1-155435		JP	06-19-1989	ABST	
	61-67130		JP	04-07-1986	**	
			*Correspond to U.S. appln., cited above			
			**Corresponds to U.S. 4,748,581, of record			

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	OFFICE ACTION issued on May 11, 2004 for the Japanese patent application corresponding to U. S. Patent Application 09/667,783

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.